

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
6 May 2005 (06.05.2005)

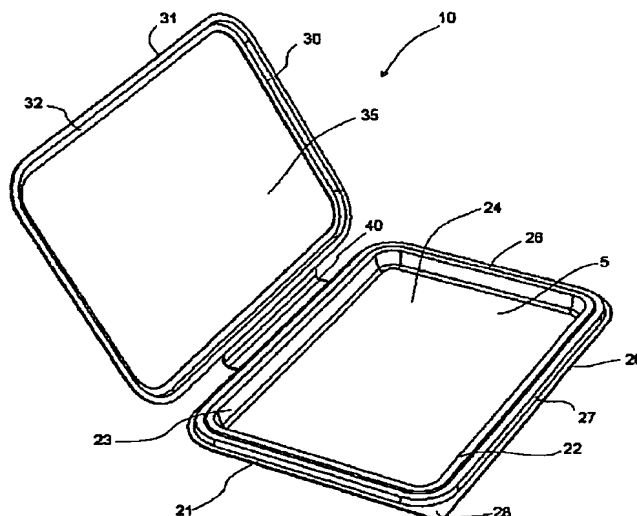
PCT

(10) International Publication Number  
**WO 2005/039997 A1**

- (51) International Patent Classification<sup>7</sup>: **B65D 43/16**, 77/20
- (21) International Application Number:  
PCT/EP2004/052281
- (22) International Filing Date:  
23 September 2004 (23.09.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
03024237.4 22 October 2003 (22.10.2003) EP  
04103498.4 22 July 2004 (22.07.2004) EP
- (71) Applicant (for all designated States except US): **CRY-  
OVAC, INC.** [US/US]; 100 Rogers Bridge Road, Duncan,  
South Carolina 29334 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **LONGO, Eugenio**  
[CA/IT]; Via Capuana 3, I-20017 Rho (IT). **FANFANI,  
Andrea** [IT/IT]; Via Marcantonio Colonna 36, I-20149 Mi-  
lano (IT).
- (74) Agent: **DE CARLI, Elda**; Sealed Air S.r.l., Via Trento 7,  
I-20017 Passirana di Rho (IT).
- (81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.
- (84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).
- Declaration under Rule 4.17:**  
— of inventorship (Rule 4.17(iv)) for US only

[Continued on next page]

(54) Title: RECLOSABLE RIGID CONTAINER ASSEMBLY



(57) Abstract: A rigid or semi-rigid container assembly 10 (110) for the packaging of food products. The container assembly 10 (110) comprises a support 20 (120) and a frame 30 (130). Support 20 (120) comprises an outwardly extending peripheral flange 21 (121) which is shaped to cooperate with frame 30 (130) so that the frame can be snap-fit closed onto support 20 (120). The rim 32 (132) of frame 30 (130) extends only over a fraction of flange 21 (121) leaving part 22 (122) of the flange and the central part (5, 105) of support 20 (120) uncovered. Also described is a method of packaging a food product and a package obtained by sealing a thermoplastic film 60 on the rim 32 (132) of frame 30 (130) and on part 22 (122) of the flange of support 20 (120) not covered by the rim 32 (132) of the frame 30 (130), wherein the film forms a first seal 61 with the rim 32 (132) of the frame 30 (130) and a second seal 62 with part 22 (122) of the flange of support 20 (120) not covered by the rim 32 (132) of the frame 30 (130).



**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*